



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/077,054	02/12/2002	Jonathan C. Makielski	960296.97032

Bennett J. Berson  
Quarles & Brady LLP  
1 South Pinckney Street  
P O Box 2113  
Madison, WI 53701-2113



CONFIRMATION NO. 1596  
FORMALITIES LETTER



\*OC000000007965479\*

Date Mailed: 04/26/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

**Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**Items Required To Avoid Processing Delays:**

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

06/07/2002 BABBAHAI 00000086 170055 10077054

01 FC:105 130.00 CH

*A copy of this notice **MUST** be returned with the reply*

Y.G.

06/07/2002 BABBAHAI 00000086 170055 10077054  
01 FC:105 130.00 CH  
06/08/2002 EEBUBAY1 00000009 170055 10077054  
01 FC:205 65.00 CH

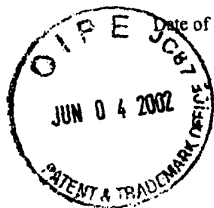
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

# 6/ Reg for  
Refund  
03-03-02

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Commissioner for Patents, P O Box 2327, Arlington, VA 22202.



Date of Signature and Deposit: May 31, 2002

Bennett J. Berson, Reg. No. 37,094

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jonathan C. Makielski  
Bin Ye

Date: May 31, 2002

Serial No.: 10/077,054

Group Art Unit:

Filed: 02/12/2002

Examiner:

Title: SODIUM CHANNEL ALPHA SUBUNITS

File No.: 960296.98032

REQUEST FOR REFUND UNDER 37 C.F.R. §1.26

Commissioner for Patents  
P O Box 2327  
Arlington, VA 22202

Dear Sir:

The applicants hereby request a refund of that portion of the surcharge paid in excess of that required in the above-noted patent application.

The applicants hereby assert their entitlement to small entity status as required by 37 C.F.R. §1.27(c)(1). This request for a refund of the excess amount is filed within three months of the date of the timely payment of the full fee. This three month period expires on August 30, 2002.

The full \$130.00 surcharge was paid with the Response to Notice to File Missing Parts of Nonprovisional Application. Applicants hereby request a refund of \$65.00. Please credit the refund to Deposit Account No. 17-0055.

Respectfully submitted,

Bennett J. Berson

Reg. No. 37,094

Attorney for Applicant

QUARLES & BRADY LLP

P.O. Box 2113

Madison, WI 53701-2113

TEL (608) 251-5000  
FAX (608) 251-9166

EXPRESS MAIL LABEL NO. \_\_\_\_\_

Dep X Key  
PTO/SB/17 (10-01)  
Approved for use through 10/31/2002. OMB 0651-0037  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# **FEE TRANSMITTAL FOR FY 2002**

JUN 04 2002

Fees are subject to annual revision.

**Complete if Known**

Application Number	10/077,054
Filing Date	02/12/2002
First Named Inventor	Jonathan C. Makielski
Group Art Unit	
Examiner Name	
Attorney Docket Number	960296.98032

TOTAL AMOUNT OF PAYMENT

\$

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

17-0055

Deposit Account Name

Quarles &amp; Brady LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- ☒ Applicant claims small entity status See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐

Check

☐

Credit Card

☐

Money Order

☐

Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$)

**2. CLAIMS**

Total Claims	Extra	Fee from below	Fee Paid
15	-20**=	X	
Independent	8	-3**=	X
Multiple Dependent Claims			

\*\* or number previously paid, if greater, For reissues see below

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

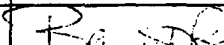
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,280	241	640	Petition to revive unintentionally abandoned application	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
146	740	246	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	270	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

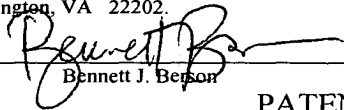
SUBTOTAL (3) (\$)

**SUBMITTED BY****Complete (if applicable)**

Typed or Printed Name	Bennett J. Berson	Registration No. (Attorney/Agent)	37,094	Telephone	608/251-5000
Signature				Date	May 31, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Commissioner for Patents, P O Box 2327, Arlington, VA 22202.

Date of Signature and Deposit: May 30, 2002

  
Bennett J. Berson

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jonathan C. Makielski  
Bin Ye

Date: May 30, 2002

Serial No.: 10/077,054

Group Art Unit:

Filed: 02/12/2002

Examiner:

Title: SODIUM CHANNEL ALPHA SUBUNITS

File No.: 960296.98032

RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF NONPROVISIONAL APPLICATION  
Filed Under 37 CFR 1.53(b)  
Filing Date Granted

Commissioner for Patents  
Box Missing Parts  
P O Box 2327  
Arlington, VA 22202

Dear Sir:

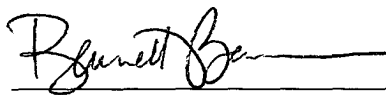
In a Notice to File Missing Parts mailed April 26, 2002, the applicants were given two months from the mailing date to file all required items and pay any fees required to avoid abandonment. In response to the Notice, the applicants submit a Declaration signed by the inventors.

A surcharge in the amount of \$130.00 is due. Please charge the amount to Deposit Account No. 17-0055.

Should any other fee be due in connection with this or any subsequent response, please charge the fee to Deposit Account No. 17-0055.

All missing parts are now believed to be on file.

Respectfully submitted,



Bennett J. Berson  
Reg. No. 37,094  
Attorney for Applicants  
QUARLES & BRADY LLP  
P.O. Box 2113  
Madison, WI 53701-2113

TEL (608) 251-5000  
FAX (608) 251-9166  
QBMAD\332856.1

**FEE TRANSMITTAL  
FOR FY 2002**

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TOTAL AMOUNT OF PAYMENT

\$130.00

**Complete if Known**

Application Number	10/077,054
Filing Date	02/12/2002
First Named Inventor	Jonathan C. Makielski
Group Art Unit	
Examiner Name	
Attorney Docket Number	960296.98032

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Deposit  
Account  
Number

17-0055

Deposit  
Account  
Name

Quarles &amp; Brady LLP

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status  
See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

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Independent 8	-3**=	X	=
Multiple Dependent Claims			=

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SUBTOTAL (2) (\$)

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

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Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130.00)

**SUBMITTED BY**Typed or  
Printed Name

Bennett J. Berson

Registration No.  
(Attorney/Agent)

37,094

**Complete (if applicable)**

Telephone

608/251-5000

Signature

Date

May 30, 2002